the specified value of said power saving level indicator is above said predetermined threshold.

[0025] In one embodiment, said power saving level indicator includes (i) an indication of the discontinuous reception cycle length of the communication device and/or (ii) an indication whether the communication device is in a power saving mode as an enhancement for diverse data applications.

[0026] There is also hereby provided a computer program product comprising program code means which when loaded into a computer controls the computer to: include in a radio link failure report from a communication device information about the power saving state of the communication device.

[0027] There is also hereby provided a computer program product comprising program code means which when loaded into a computer controls the computer to: receive from an access network an instruction not to indicate the availability of information about a radio link failure for which the value of power saving level indicator is above a predetermined threshold; and in the event of a radio link failure for which the value of said power saving level indicator is above said predetermined threshold, either not log a radio link failure report, or refrain from indicating the availability of a radio link failure report to the access network.

[0028] There is also hereby provided a computer program product comprising program code means which when loaded into a computer controls the computer to: selectively exclude from an assessment of the performance of an access network, information about radio link failures for which the value of a power saving level indicator is above a predetermined threshold.

[0029] In one embodiment, a determination of a radio link failure at a communication device in a discontinuous reception connected mode is based on an estimate of the average link quality over a length of time dependent on the discontinuous reception cycle length.

[0030] Embodiments of the present invention are described in detail hereunder, by way of example only, with reference to the accompanying drawings, in which:

[0031] FIG. **1** illustrates an example of a cellular network in which embodiments of the present invention are implemented;

[0032] FIG. **2** illustrates an example of apparatus for use at user equipment in FIG. **1**;

[0033] FIG. **3** illustrates an example of apparatus for use at eNodeB in FIG. **1**;

[0034] FIG. **4** illustrates an example of operations at a radio access network and user equipment in accordance with an embodiment of the present invention; and

[0035] FIG. **5** illustrates an example of operations at a radio access network and user equipment in accordance with another embodiment of the present invention.

[0036] Embodiments of the invention are described in detail below, by way of example only, in the context of a cellular network operating in accordance with an E-UTRAN standard.

[0037] FIG. **1** illustrates an example of a cellular network in which embodiments of the present invention can be implemented. The cellular network includes cells **4** with transceivers at respective eNodeBs (eNBs). Only nine cells are shown in FIG. **1**, but a mobile telecommunication network will typically comprise tens of thousands of cells. All eNBs **2** are connected by a wired link to an operations and maintenance (O&M) entity **12**. One of the functions of the O&M entity **12** is to collect measurement results for the assessment of the performance of the cellular network.

[0038] FIG. **2** shows a schematic view of an example of user equipment **8** that may be used for communicating with the eNBs **2** of FIG. **1** via a wireless interface. The user equipment (UE) **8** may be used for various tasks such as making and receiving phone calls, for receiving and sending data from and to a data network and for experiencing, for example, multimedia or other content.

[0039] The UE **8** may be any device capable of at least sending or receiving radio signals to or from the eNBs **2** of FIG. **1**. Non-limiting examples include a mobile station (MS), a portable computer provided with a wireless interface card or other wireless interface facility, personal data assistant (PDA) provided with wireless communication capabilities, or any combinations of these or the like. The UE **8** may communicate via an appropriate radio interface arrangement of the UE **8**. The interface arrangement may be provided for example by means of a radio part and associated antenna arrangement. The antenna arrangement may be arranged internally or externally to the UE **8**, and may include a plurality of antennas capable of operating in the kind of multi-layer transmission scheme described below.

[0040] The UE **8** may be provided with at least one data processing entity **203** and at least one memory or data storage entity **217** for use in tasks it is designed to perform. The data processor **213** and memory **217** may be provided on an appropriate circuit board **219** and/or in chipsets.

[0041] The user may control the operation of the UE **8** by means of a suitable user interface such as key pad **201**, voice commands, touch sensitive screen or pad, combinations thereof or the like. A display **215**, a speaker and a microphone may also be provided. Furthermore, the UE **8** may comprise appropriate connectors (either wired or wireless) to other devices and/or for connecting external accessories, for example hands-free equipment, thereto.

[0042] FIG. **3** shows an example of apparatus for use at the eNBs **2** of FIG. **1** and for serving the cell **4** in which UE **8** is located. The apparatus comprises a radio frequency antenna array **301** configured to receive and transmit radio frequency signals; radio frequency interface circuitry **303** configured to interface the radio frequency signals received and transmitted by the 8-antenna array **301** and the data processor **306**. The radio frequency interface circuitry **303** may also be known as a transceiver. The apparatus also comprises an interface **309** via which it can send and receive information to and from one or more other network nodes. The data processor **306** is configured to process signals from the radio frequency interface circuitry **303**, control the radio frequency interface circuitry **303** to generate suitable RF signals to communicate information to the UE **6** via the wireless communications link, and also to exchange information with other network nodes via the interface **309**. The memory **307** is used for storing data, parameters and instructions for use by the data processor **306**.

[0043] It would be appreciated that the apparatus shown in each of FIGS. **2** and **3** described above may comprise further elements which are not directly involved with the embodiments of the invention described hereafter.

[0044] Reports of information about radio link failures at UEs **8** is used to assess the performance of the cellular network. The information may include, for example, information about results of measurements at UE **8** of the radio environment of UE **8** at the time a radio link failure (RLF) is